LISTING OF CLAIMS

1. (original) A system for producing permanent ink-jet images, comprising:

a) a media substrate coated with a porous media coating, said porous media coating comprising inorganic porous particulates, wherein at least a portion of the inorganic porous particulates has a first reactive group covalently attached thereto; and

b) an ink-jet ink including a dye, said dye comprising a second reactive group, wherein the first reactive group and the second reactive group are configured to react with one another upon contact to form a covalent bond.

2. (original) A system as in claim 1, wherein the inorganic porous particulates comprise a member selected from the group consisting of silica particulates, alumina particulates, titania particulates, zirconia particulates, organo-metallic particulates, and combinations thereof.

3. (original) A system as in claim 1, wherein one of the first and second reactive groups is an amine, and the other of the first and second reactive groups is selected from the group consisting of an aldehyde, an epoxy, an alkyl methylol, a capped aldehyde, a diketone, an acetylacetoxy, and a hindered isocyanate.

4. (original) A system as in claim 1, wherein one of the first and second reactive groups is an aldehyde, and the other of the first and second reactive groups is selected from the group consisting of a thiol and an amide.

5. (original) A system as in claim 1, wherein one of the first and second reactive groups is a hydroxyl, and the other of the first and second reactive groups is selected from the group consisting of a carboxyl, an activated methoxy, and a hindered isocyanate.

6. (original) A system as in claim 1, wherein one of the first and second reactive groups is an amide, and the other of the first and second reactive groups is selected from the group consisting of an alkyl methylol, an activated methoxy, and a hindered isocyanate.

7. (original) A system as in claim 1, wherein one of the first and second reactive groups is an acetyl, and the other of the first and second reactive groups is a dihydrazide.

8. (original) A system as in claim 1, wherein the first reactive group is attached to the inorganic porous particulate through a silane spacer group.

9-24. (cancelled).